



2184/JFu  
Docket No.: 42390P18906

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Application No.: 09/888,082

Filed: June 22, 2001

For: **DYNAMIC CONTROL GRAPHS FOR  
ANALYSIS OF  
COORDINATION-CENTRIC  
SOFTWARE DESIGNS**

Art Group: 2184

Examiner: Unknown

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

**BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP**

Date: September 14, 2004

~~Gregory D. Caldwell, Reg. No. 39,926~~

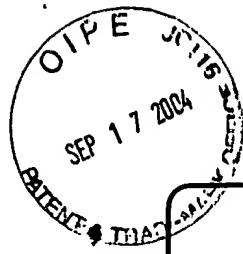
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Gayle M. Bekista

09-14-04

Date



## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application No.	09/888,082
		Filing Date	June 22, 2001
		First Named Inventor	
		Art Unit	2184
		Examiner Name	Unknown
Total Number of Pages in This Submission		Attorney Docket Number	42390P18906

### ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	<div style="border: 1px solid black; padding: 5px;">Copies of 12 Cited refs. Return Postcard</div>
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s)	
<input checked="" type="checkbox"/> PTO/SB/08		
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Basic Filing Fee		
<input type="checkbox"/> Declaration/POA		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Gregory D. Caldwell, Reg. No. 39,926  BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	September 14, 2004

### CERTIFICATE OF MAILING/TRANSMISSION

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Typed or printed name	Gayle M. Bekish
Signature	
Date	September 14, 2004



# FEE TRANSMITTAL for FY 2004

Effective 01/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

**TOTAL AMOUNT OF PAYMENT** (\$)  
0.00

## Complete if Known

Application Number	09/888,082
Filing Date	June 22, 2001
First Named Inventor	
Examiner Name	Unknown
Art Unit	2184
Attorney Docket No.	42390P18906

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None  
 Deposit Account

Deposit Account Number **02-2666**

Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman LLP**

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		<u>Fee Description</u>	<u>Fee Paid</u>
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)		(\$)			

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	20*	=	
Multiple Dependent	3	=	

Large Entity		Small Entity		<u>Fee Description</u>	<u>Fee Paid</u>
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple Dependent claim, if not paid	
1204	86	2204	43	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$)			

\*or number previously paid, if greater. For Reissues, see below

## 3. ADDITIONAL FEES

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	<u>Fee Description</u>	<u>Fee Paid</u>
	1051	130		2051	65	Surcharge - late filing fee or oath	
	1052	50		2052	25	Surcharge - late provisional filing fee or cover sheet	
	2053	130		2053	130	Non-English specification	
	1812	2,520		1812	2,520	For filing a request for ex parte reexamination	
	1804	920*		1804	920*	Requesting publication of SIR prior to Examiner action	
	1805	1,840*		1805	1,840*	Requesting publication of SIR after Examiner action	
	1251	110		2251	55	Extension for reply within first month	
	1252	420		2252	210	Extension for reply within second month	
	1253	950		2253	475	Extension for reply within third month	
	1254	1,480		2254	740	Extension for reply within fourth month	
	1255	2,010		2255	1,005	Extension for reply within fifth month	
	1404	330		2401	165	Notice of Appeal	
	1402	330		2402	165	Filing a brief in support of an appeal	
	1403	290		2403	145	Request for oral hearing	
	1451	1,510		2451	1,510	Petition to institute a public use proceeding	
	1452	110		2452	55	Petition to revive - unavoidable	
	1453	1,330		2453	665	Petition to revive - unintentional	
	1501	1,330		2501	665	Utility issue fee (or reissue)	
	1502	480		2502	240	Design issue fee	
	1503	640		2503	320	Plant issue fee	
	1460	130		2460	130	Petitions to the Commissioner	
	1807	50		1807	50	Processing fee under 37 CFR 1.17(q)	
	1806	180		1806	180	Submission of Information Disclosure Stmt	
	8021	40		8021	40	Recording each patent assignment per property (times number of properties)	
	1809	770		1809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
	1810	770		2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
	1801	770		2801	385	Request for Continued Examination (RCE)	
	1802	900		1802	900	Request for expedited examination of a design application	
	Other fee (specify)		No. Fee				0.00
SUBTOTAL (3)		(\$)					

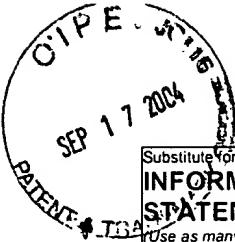
\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

Complete (if applicable)

Name (Print/Type)	Gregory D. Caldwell	Registration No. (Attorney/Agent)	39,926	Telephone	(503) 439-8778
Signature				Date	09/14/04

Based on PTO/SB/17 (10-03) as modified by Blakely, Sokoloff, Taylor & Zafman (wir) 02/10/2004.  
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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>(use as many sheets as necessary)</small>		<b>Complete if Known</b> Application Number      09/888,082 Filing Date      June 22, 2001 First Named Inventor      HINES, Kenneth Group Art Unit      2122 Examiner Name      Unknown				
		Attorney Docket No: 42P18906				
Sheet 1 of 2						

### US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-5,581,691	12/03/1996	HSU, ET AL.	395	182.13	08/18/1995
	US-5,794,046	08/11/1998	MEIER, ET AL.	395	704	06/05/1997
	US-5,819,270	10/06/1998	MALONE, ET AL.	707	7	
	US-5,870,588	02/09/1999	ROMPAEY, ET AL.	395	500	10/23/1996
	US-5,920,717	07/06/1999	NODA, ET AL.	395	701	12/18/1996
	US-6,038,381	03/14/2000	MUNCH, ET AL.			11/25/1997
	US-6,052,527	04/18/2000	DELCOURT, ET AL.	395	705	02/10/1998
	US-6,083,281	07/04/2000	DIEC, ET AL.	717	128	11/14/1997
	US-6,125,392	09/26/2000	LABATTE, ET AL.	709	224	10/11/1996
	US-6,134,676	10/17/2000	VANHUBEN, ET AL.	714	39	04/30/1998
	US-6,347,374	02/12/2002	DRAKE, ET AL.	709	224	06/05/1998
	US-6,539,501	03/25/2003	EDWARDS, J C.	717	128	12/16/1999

### FOREIGN PATENT DOCUMENTS

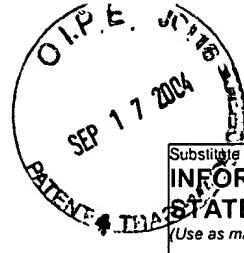
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T <sup>2</sup>

### OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		BARRETT, et al., "A framework for event-based software integration", <u>ACM Transactions on software engineering and methodology</u> , 5(4), (1996),378-421	
		BORNING, A , et al., "CLASSES VERSUS PROTOTYPES IN OBJECT-ORIENTED LANGUAGES", <u>FALL JOINT COMPUTER CONFERENCE</u> , (1986),	
		CHOU, P , "CONTROL COMPOSITION AND SYNTHESIS OF DISTRIBUTED REAL-TIME EMBEDDED SYSTEM", <u>PH.D. THESIS, UNIVERSITY OF WASHINGTON</u> , (1998),	
		CIANCARINI, P , "COORDINATION MODELS AND LANGUAGES AS SOFTWARE INTEGRATORS", <u>ACM COMPUTING SERVEYS</u> , 28(2), (1996),300-302	
		FIDGE, C J., "Logical time in distributed computing systems", <u>IEEE Computer</u> , 24(8), (1991),28-33	
		GARGE, V K., et al., "Detection of Weak Unstable Predicates in Distributed Programs", <u>IEEE Transactions on Parallel and Distributed Systems Vol. %, No. 3 March 1994</u> , (1994),299-307	
		GELENTER, D , et al., "COORDINATION LANGUAGES AND THEIR SIGNIFICANCE", <u>COMMUNICATIONS OF THE ACM</u> , 35(2), (1992),97-107	
		GELENTER, D , "GENERATIVE COMMUNICATION IN LINDA", <u>ACM TRANSACTIONS ON PROGRAMMING LANGUAGES AND SYSTEMS</u> , 7(1), (1986),	

EXAMINER

DATE CONSIDERED



Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		<i>Complete if Known</i>	
		<b>Application Number</b>	09/888,082
		<b>Filing Date</b>	June 22, 2001
		<b>First Named Inventor</b>	HINES, Kenneth
		<b>Group Art Unit</b>	2122
		<b>Examiner Name</b>	Unknown
Sheet 2 of 2		Attorney Docket No: 42P18906	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		GUL, AGHA , "CONCURRENT OBJECT-ORIENTED PROGRAMMING", COMMUNICATIONS OF THE ACM, VOL. 33, NO. 9, (9/1990),125-141	
		LIEBERMAN, H , "USING PROTOTYPICAL OBJECTS TO IMPLEMENT SHARED BEHAVIOR IN OBJECT ORIENTED SYSTEMS", <u>OOPSLA '86 PROCEEDINGS</u> , (1986),	
		SELIC, B , "USING UML FOR MODELING COMPLEX REAL-TIME SYSTEMS", (1998),246-256	
		TALLMAN, O , et al., "COM VERSUS CORBA: A DECISION FRAMEWORK", DISTRIBUTED COMPUTING, (1998),	

EXAMINER

DATE CONSIDERED